

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
 Data File : BF126522.D
 Acq On : 6 Jan 2022 17:10
 Operator : JU/CG
 Sample : M5251-06DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-101RDL

Quant Time: Jan 07 08:33:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

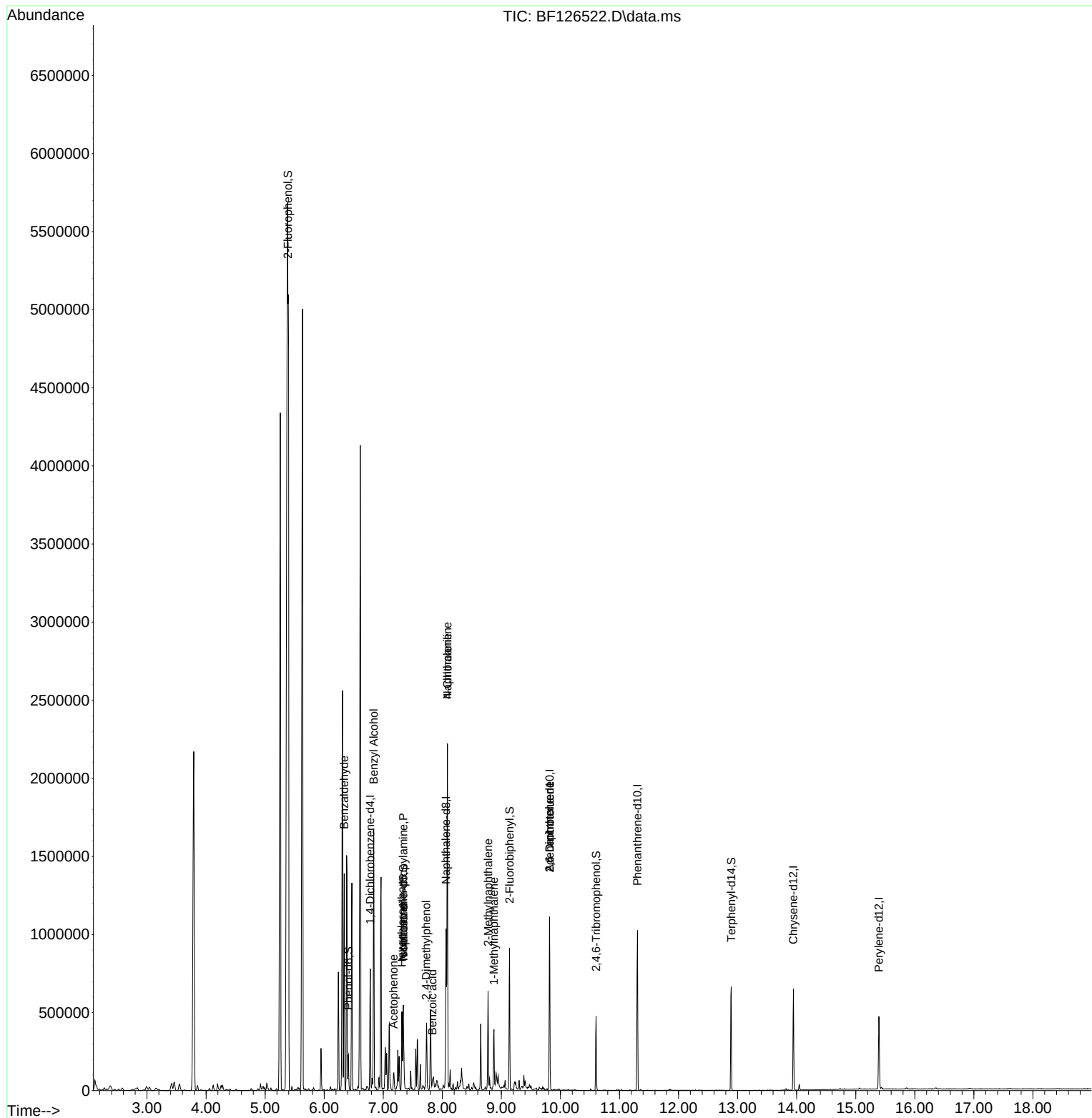
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	108472	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	455739	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	215813	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	339409	20.000	ng	0.00
76) Chrysene-d12	13.945	240	206110	20.000	ng	# 0.00
86) Perylene-d12	15.392	264	186793	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	56297	7.453	ng	0.00
7) Phenol-d6	6.410	99	84243	8.611	ng	-0.01
23) Nitrobenzene-d5	7.339	82	151298	17.046	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	50531	30.300	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	257285	20.979	ng	-0.01
79) Terphenyl-d14	12.892	244	220778	20.812	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.339	77	50263	8.299	ng	# 1
15) Benzyl Alcohol	6.839	79	43791	6.397	ng	# 5
18) Hexachloroethane	7.316	117	27863	9.307	ng	# 1
19) n-Nitroso-di-n-propyla...	7.339	70	18666	3.344	ng	# 81
22) Acetophenone	7.175	105	46424	4.406	ng	# 56
25) Isophorone	7.339	82	151061	9.507	ng	# 69
27) 2,4-Dimethylphenol	7.728	122	43552	7.074	ng	# 88
31) Naphthalene	8.086	128	932272	43.340	ng	100
32) Benzoic acid	7.833	122	12101	9.386	ng	# 52
33) 4-Chloroaniline	8.086	127	119760	13.290	ng	# 32
37) 2-Methylnaphthalene	8.775	142	155578	12.260	ng	100
38) 1-Methylnaphthalene	8.874	142	83999	6.847	ng	97
51) 2,6-Dinitrotoluene	9.816	165	27430	9.427	ng	# 21
57) 2,4-Dinitrotoluene	9.816	165	27430	7.307	ng	# 15
77) Benzidine	12.892	184	2534	Below Cal		# 94

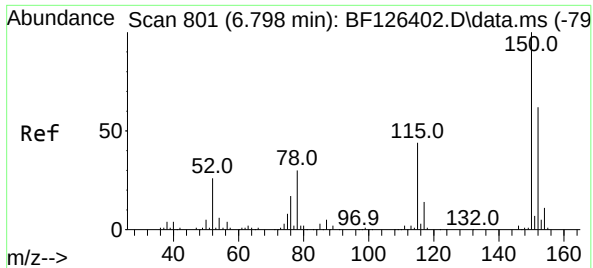
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 07 08:33:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

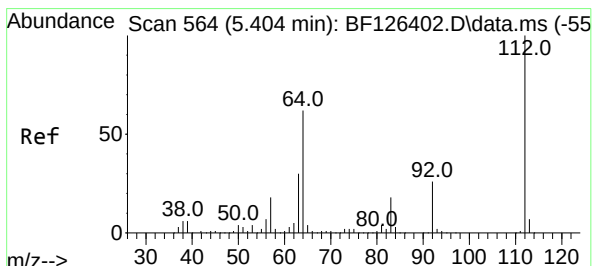
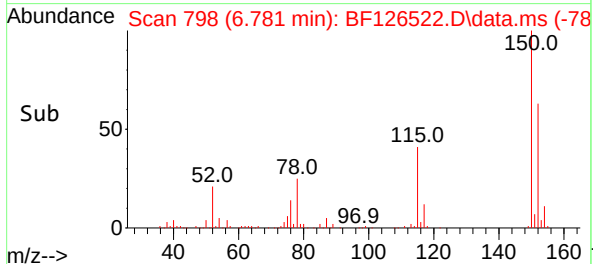
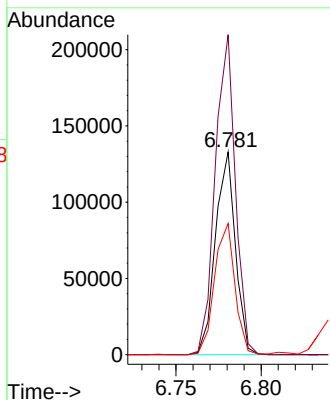
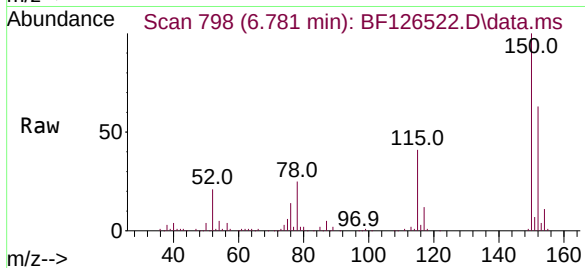




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF126522.D
Acq: 6 Jan 2022 17:10

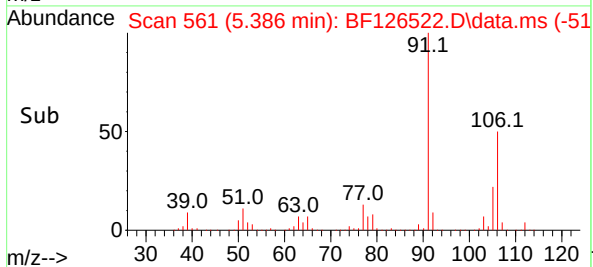
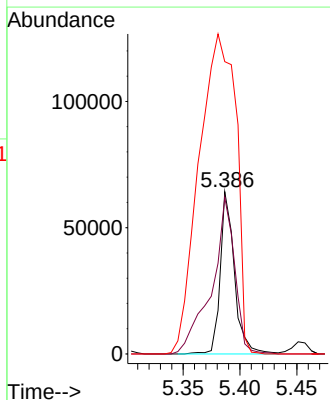
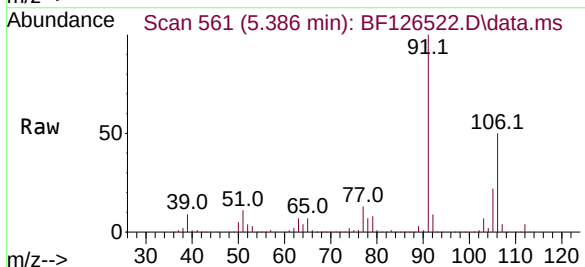
Instrument :
BNA_F
ClientSampleId :
MW-101RDL

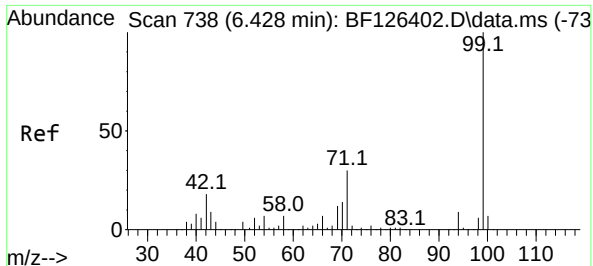
Tgt Ion:152 Resp: 108472
Ion Ratio Lower Upper
152 100
150 157.9 128.1 192.1
115 64.7 56.7 85.1



#5
2-Fluorophenol
Concen: 7.453 ng
RT: 5.386 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF126522.D
Acq: 6 Jan 2022 17:10

Tgt Ion:112 Resp: 56297
Ion Ratio Lower Upper
112 100
64 96.5 49.5 74.3#
63 180.1 23.9 35.9#

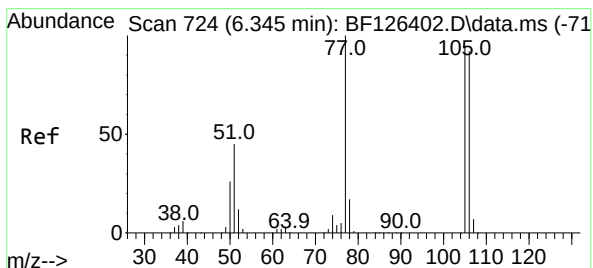
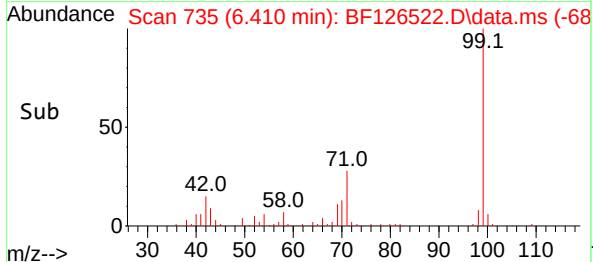
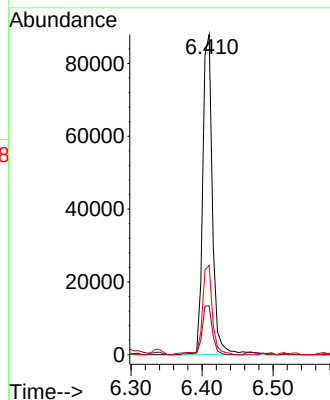
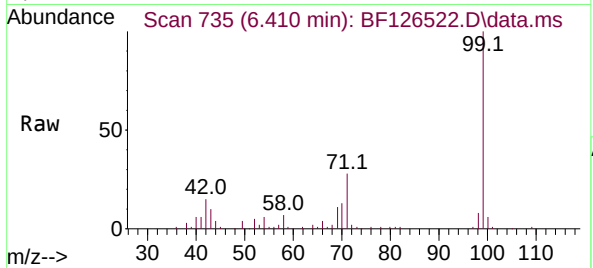




#7
Phenol-d6
Concen: 8.611 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126522.D
Acq: 6 Jan 2022 17:10

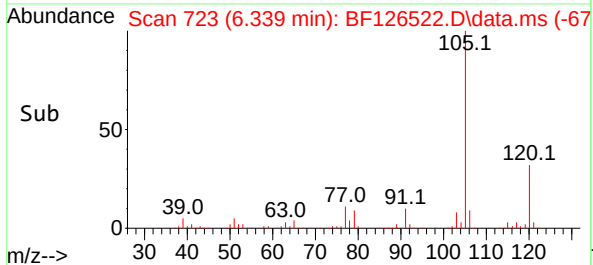
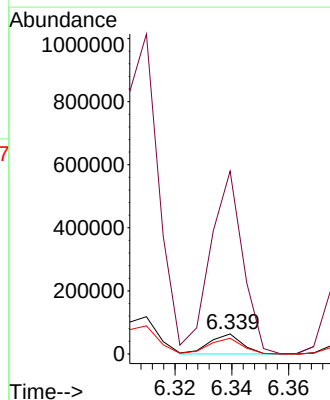
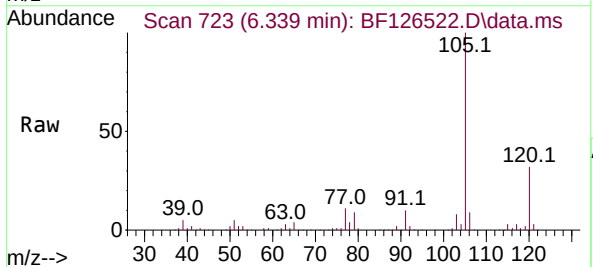
Instrument :
BNA_F
ClientSampleId :
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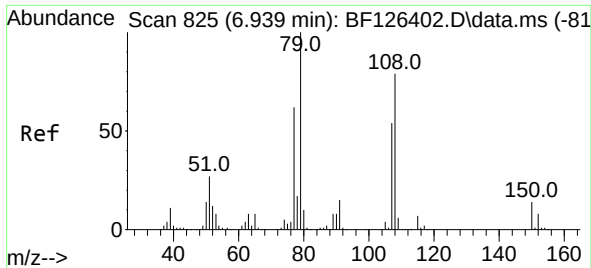
Tgt Ion: 99 Resp: 84243
Ion Ratio Lower Upper
99 100
42 15.2 14.2 21.4
71 28.0 24.3 36.5



#9
Benzaldehyde
Concen: 8.299 ng
RT: 6.339 min Scan# 723
Delta R.T. 0.006 min
Lab File: BF126522.D
Acq: 6 Jan 2022 17:10

Tgt Ion: 77 Resp: 50263
Ion Ratio Lower Upper
77 100
105 915.5 74.9 114.9#
106 78.5 72.4 112.4

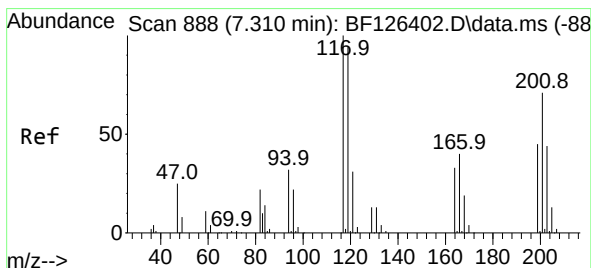
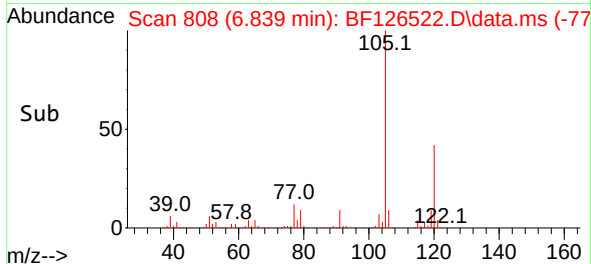
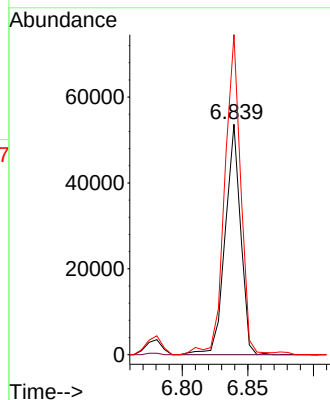
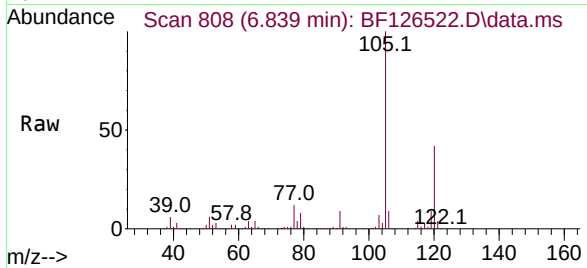




#15
Benzyl Alcohol
Concen: 6.397 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.088 min
Lab File: BF126522.D
Acq: 6 Jan 2022 17:10

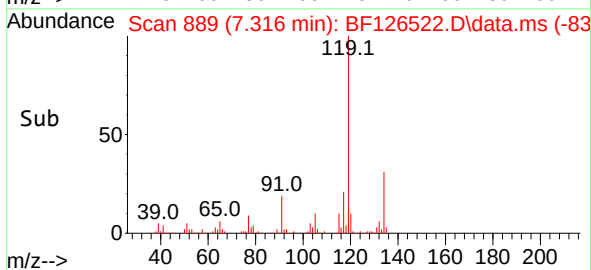
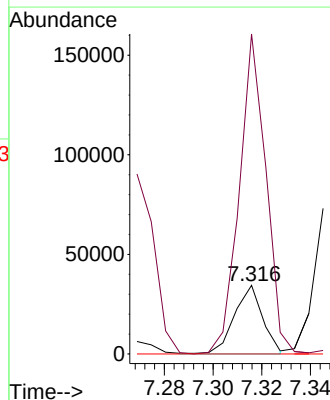
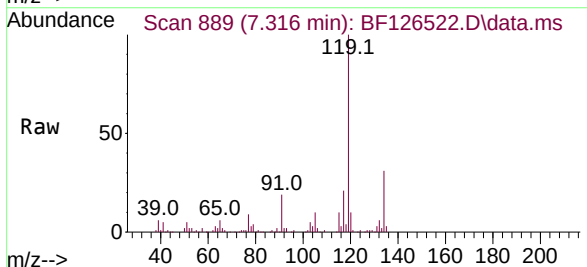
Instrument :
BNA_F
ClientSampleId :
MW-101RDL

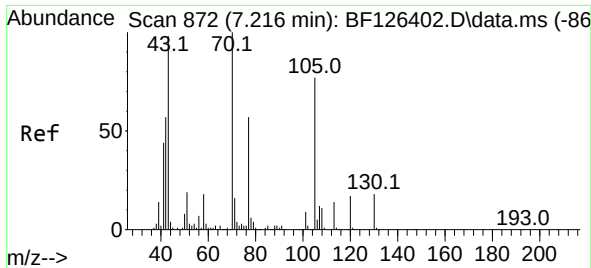
Tgt Ion: 79 Resp: 43791
Ion Ratio Lower Upper
79 100
108 0.0 63.2 94.8#
77 138.9 49.4 74.2#



#18
Hexachloroethane
Concen: 9.307 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.018 min
Lab File: BF126522.D
Acq: 6 Jan 2022 17:10

Tgt Ion: 117 Resp: 27863
Ion Ratio Lower Upper
117 100
119 466.7 75.4 113.0#
201 0.0 56.8 85.2#

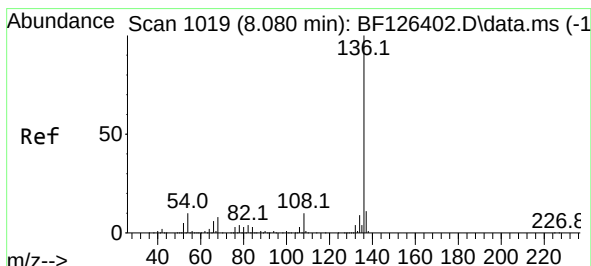
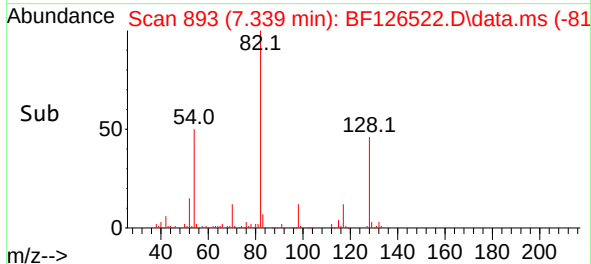
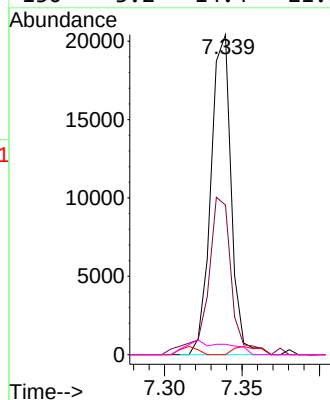
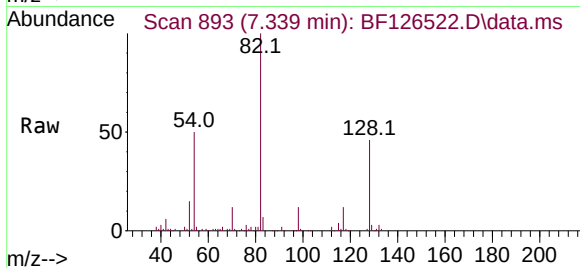




#19
n-Nitroso-di-n-propylamine
Concen: 3.344 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.135 min
Lab File: BF126522.D
Acq: 6 Jan 2022 17:10

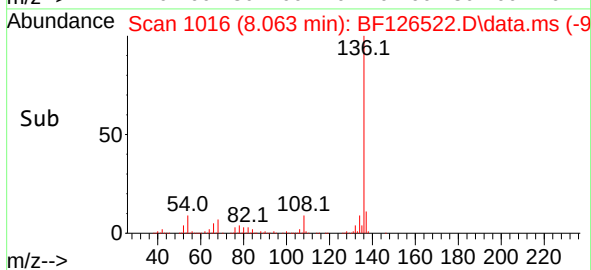
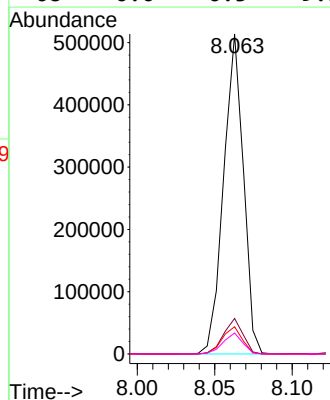
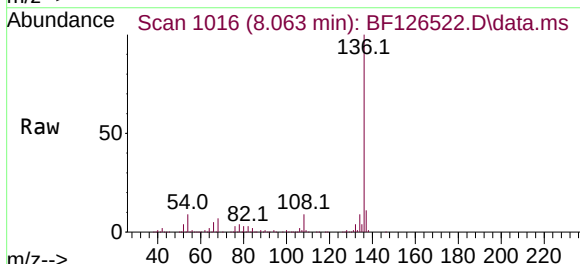
Instrument :
BNA_F
ClientSampleId :
MW-101RDL

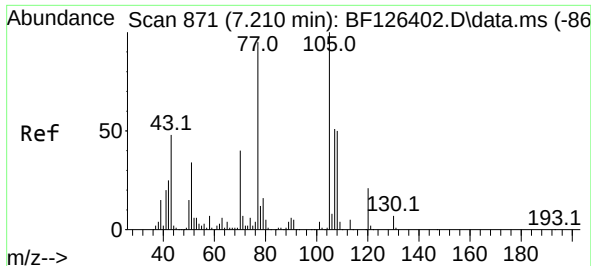
Tgt Ion:	70	Resp:	18666
Ion	Ratio	Lower	Upper
70	100		
42	46.8	45.8	68.8
101	0.0	6.9	10.3#
130	3.2	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF126522.D
Acq: 6 Jan 2022 17:10

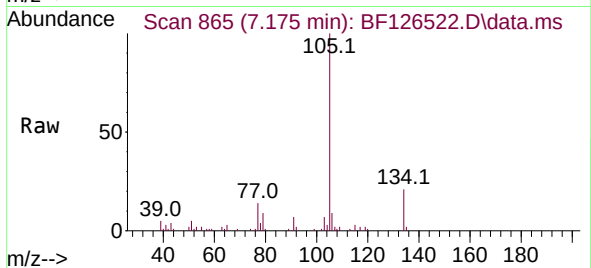
Tgt Ion:	136	Resp:	455739
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	8.5	7.8	11.6
68	6.6	6.3	9.5



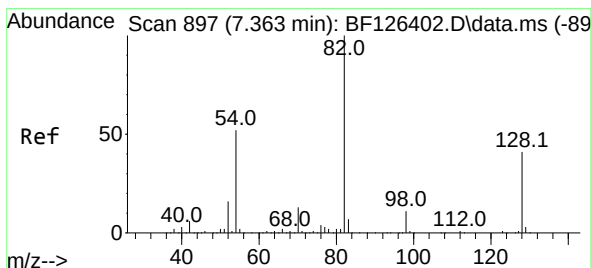
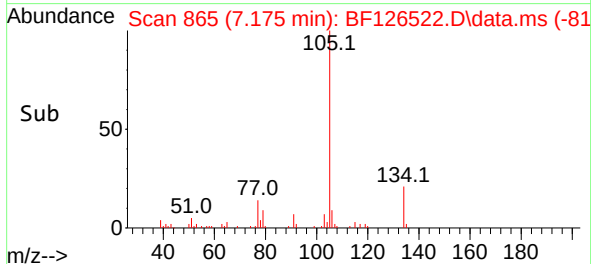
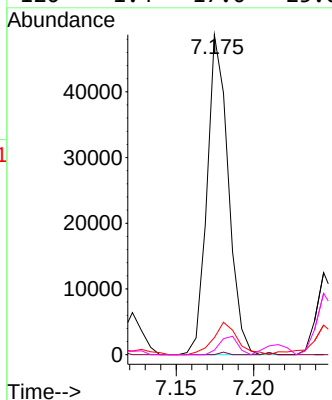


#22
Acetophenone
Concen: 4.406 ng
RT: 7.175 min Scan# 80
Delta R.T. -0.024 min
Lab File: BF126522.D
Acq: 6 Jan 2022 17:10

Instrument :
BNA_F
ClientSampleId :
MW-101RDL

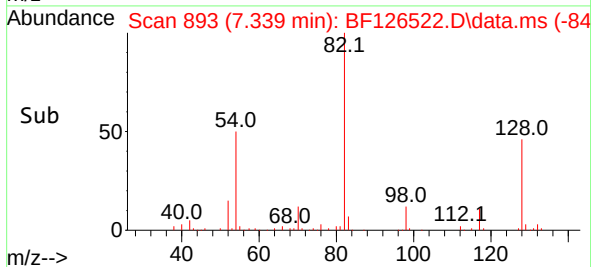
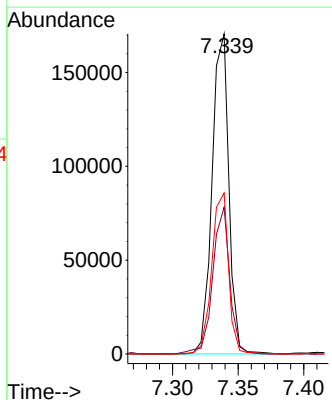
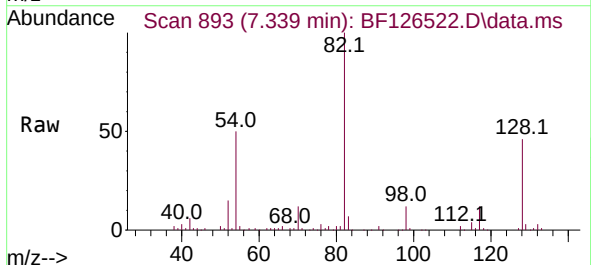


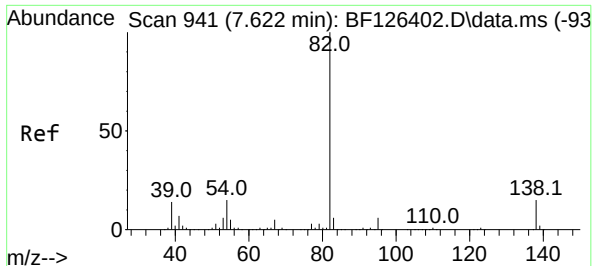
Tgt Ion:105 Resp: 46424
Ion Ratio Lower Upper
105 100
71 0.0 5.4 8.0#
51 5.3 27.4 41.0#
120 1.4 17.0 25.6#



#23
Nitrobenzene-d5
Concen: 17.046 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF126522.D
Acq: 6 Jan 2022 17:10

Tgt Ion: 82 Resp: 151298
Ion Ratio Lower Upper
82 100
128 45.9 32.7 49.1
54 50.3 41.7 62.5

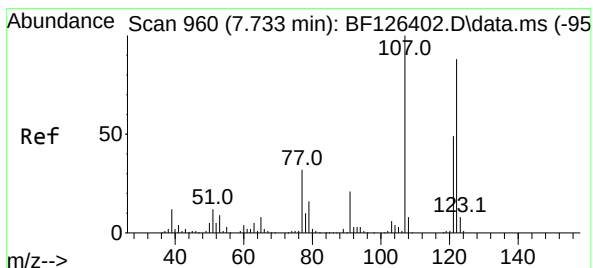
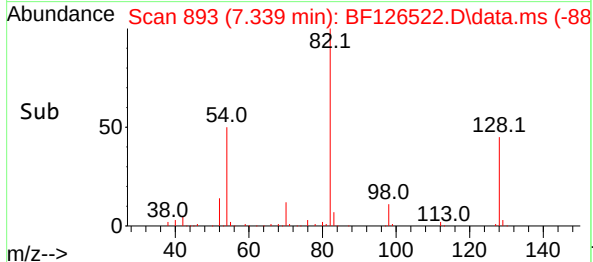
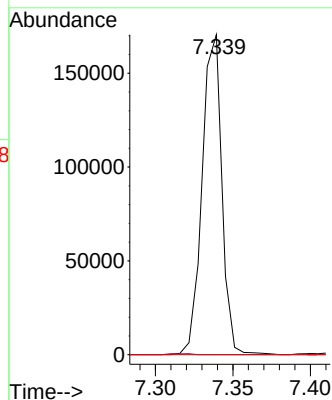
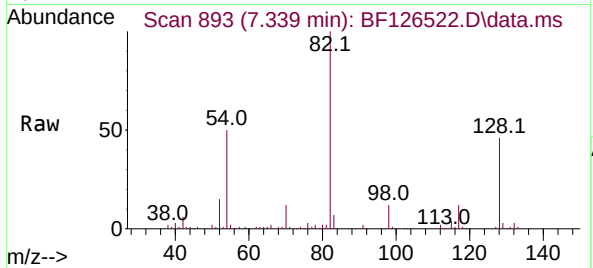




#25
Isophorone
Concen: 9.507 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.271 min
Lab File: BF126522.D
Acq: 6 Jan 2022 17:10

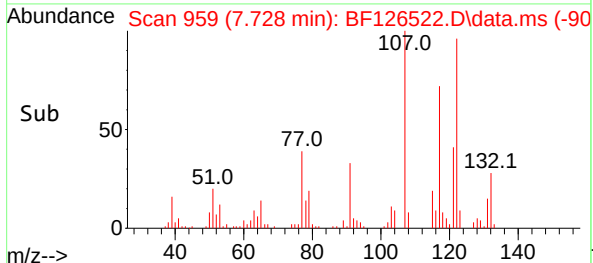
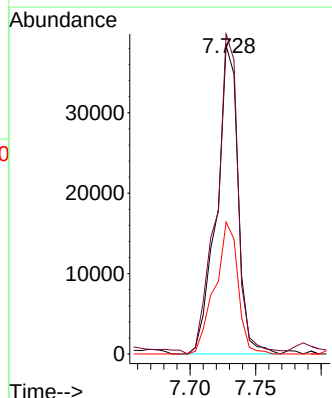
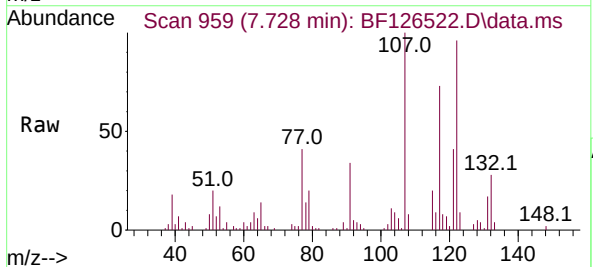
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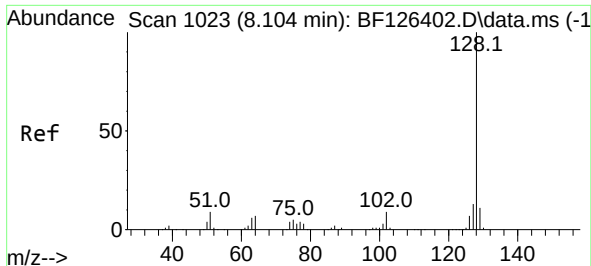
Tgt Ion: 82 Resp: 151061
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#27
2,4-Dimethylphenol
Concen: 7.074 ng
RT: 7.728 min Scan# 959
Delta R.T. -0.000 min
Lab File: BF126522.D
Acq: 6 Jan 2022 17:10

Tgt Ion:122 Resp: 43552
Ion Ratio Lower Upper
122 100
107 103.8 91.2 136.8
121 42.7 44.4 66.6#

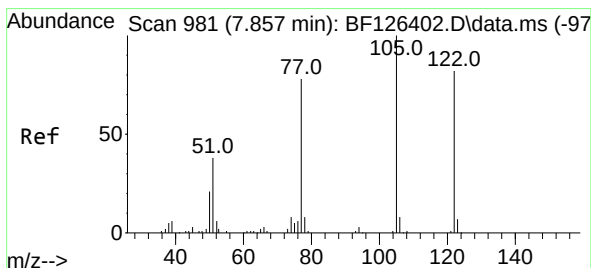
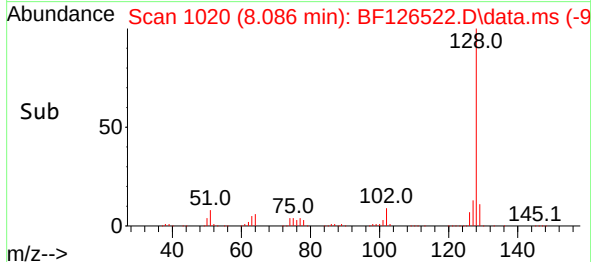
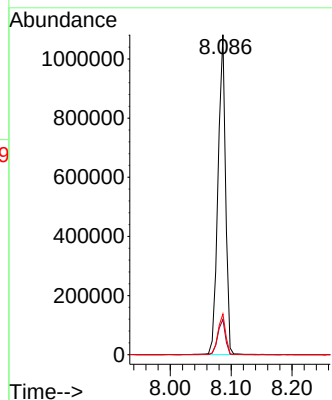
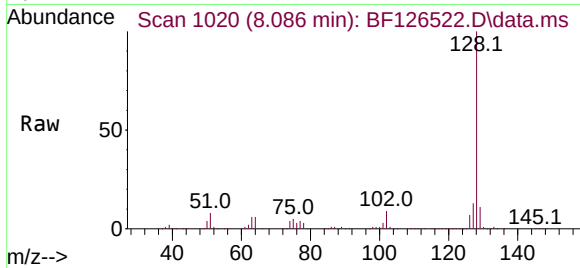




#31
Naphthalene
Concen: 43.340 ng
RT: 8.086 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126522.D
Acq: 6 Jan 2022 17:10

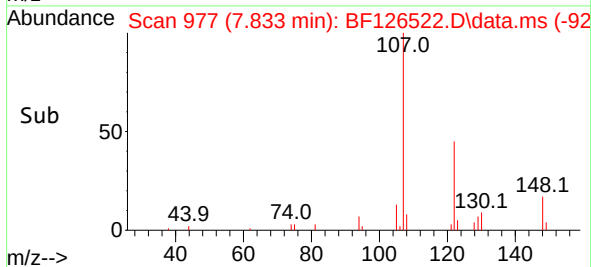
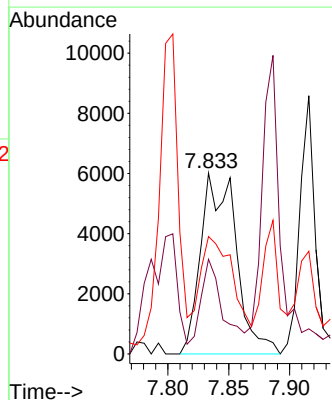
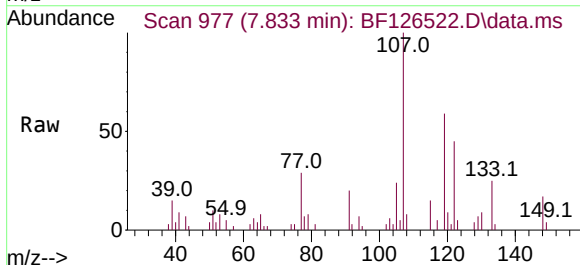
Instrument :
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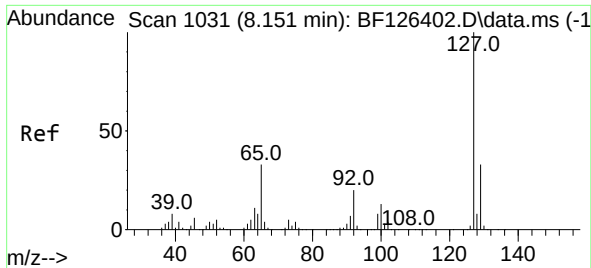
Tgt Ion:128 Resp: 932272
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.8 10.3 15.5



#32
Benzoic acid
Concen: 9.386 ng
RT: 7.833 min Scan# 977
Delta R.T. -0.012 min
Lab File: BF126522.D
Acq: 6 Jan 2022 17:10

Tgt Ion:122 Resp: 12101
Ion Ratio Lower Upper
122 100
105 52.3 101.0 141.0#
77 64.9 74.5 114.5#

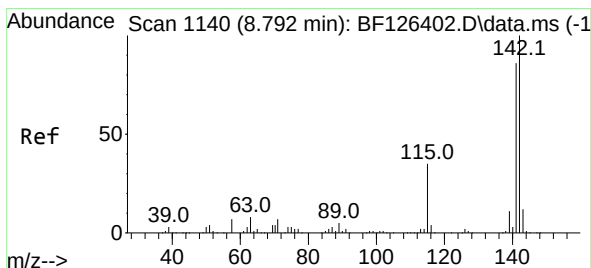
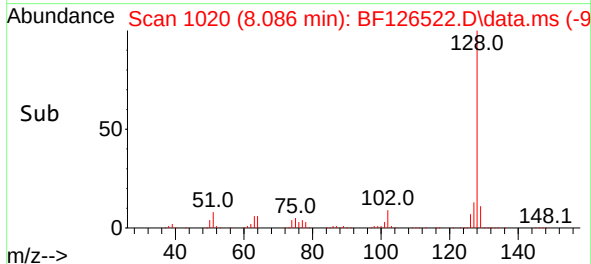
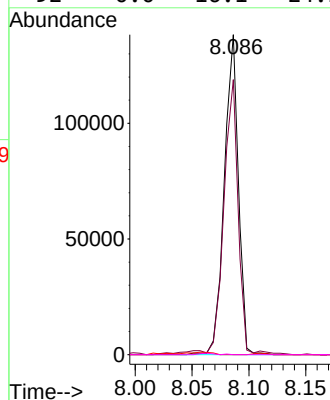
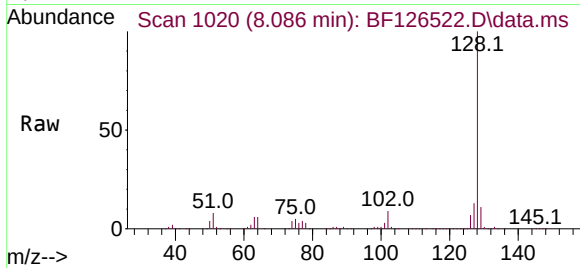




#33
4-Chloroaniline
Concen: 13.290 ng
RT: 8.086 min Scan# 110
Delta R.T. -0.053 min
Lab File: BF126522.D
Acq: 6 Jan 2022 17:10

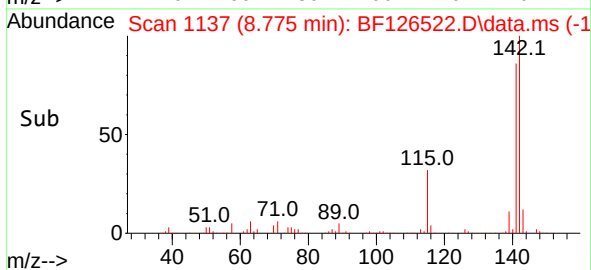
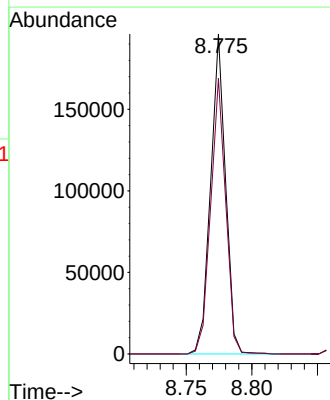
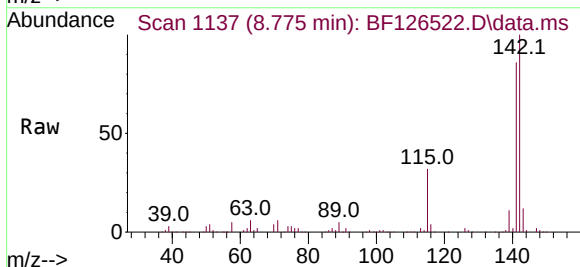
Instrument :
BNA_F
ClientSampleId :
MW-101RDL

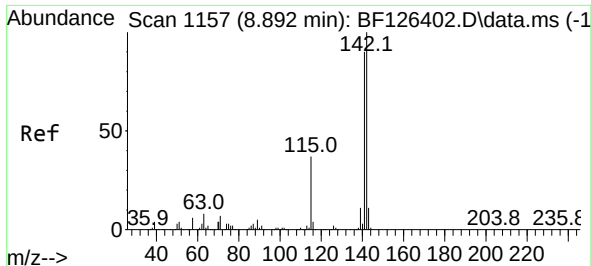
Tgt Ion:127	Resp:	119760
Ion	Ratio	Lower Upper
127	100	
129	86.0	26.5 39.7#
65	0.0	26.6 39.8#
92	0.0	16.1 24.1#



#37
2-Methylnaphthalene
Concen: 12.260 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF126522.D
Acq: 6 Jan 2022 17:10

Tgt Ion:142	Resp:	155578
Ion	Ratio	Lower Upper
142	100	
141	86.1	68.6 102.8

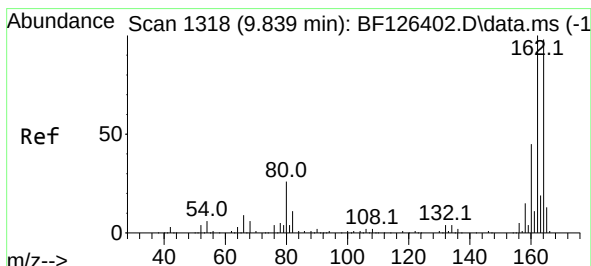
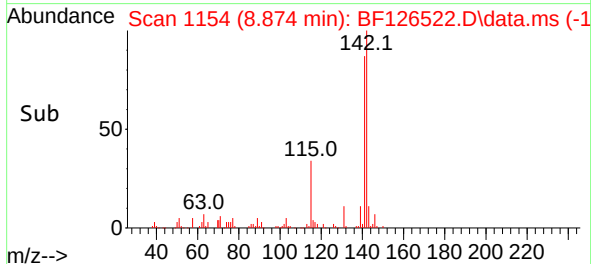
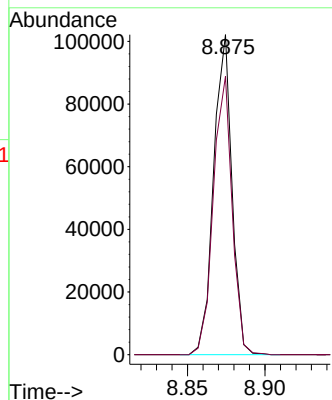
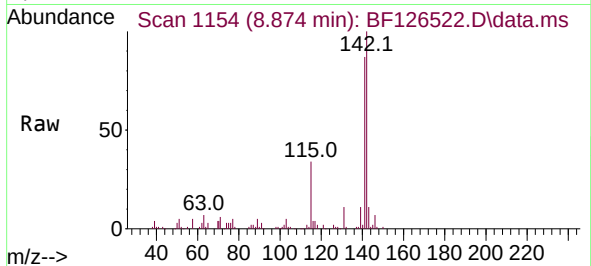




#38
1-Methylnaphthalene
Concen: 6.847 ng
RT: 8.874 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF126522.D
Acq: 6 Jan 2022 17:10

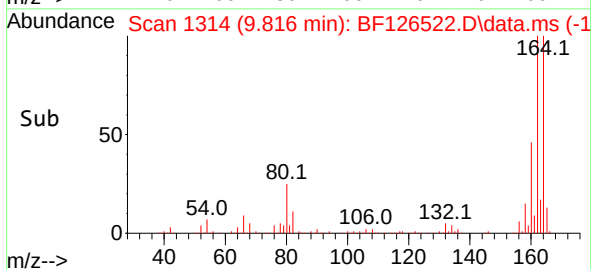
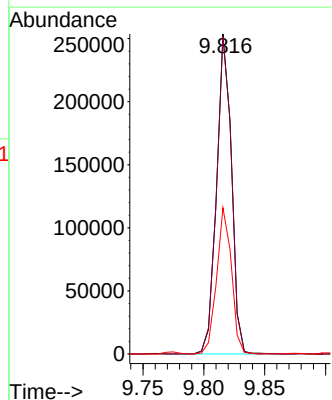
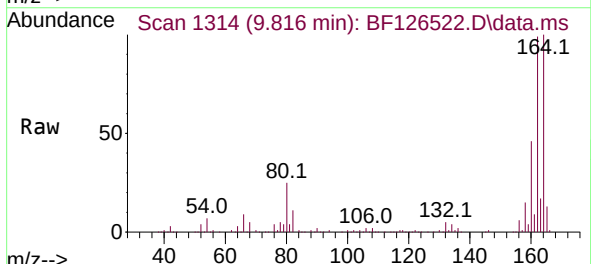
Instrument :
BNA_F
ClientSampleId :
MW-101RDL

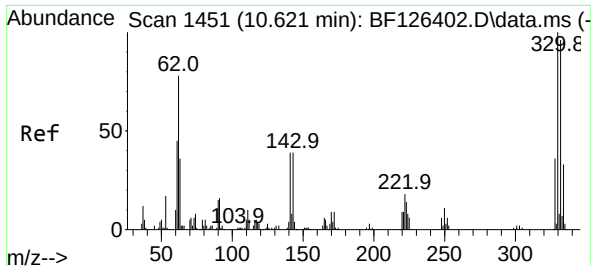
Tgt Ion:142 Resp: 83999
Ion Ratio Lower Upper
142 100
141 87.0 72.1 108.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF126522.D
Acq: 6 Jan 2022 17:10

Tgt Ion:164 Resp: 215813
Ion Ratio Lower Upper
164 100
162 99.3 81.4 122.0
160 45.7 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 30.300 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.012 min

Lab File: BF126522.D

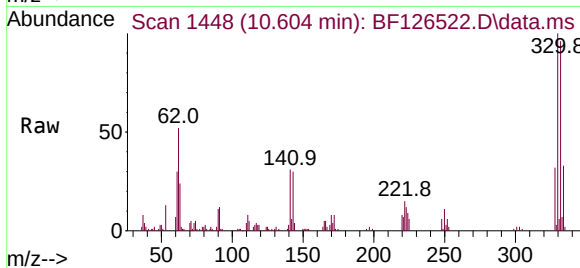
Acq: 6 Jan 2022 17:10

Instrument :

BNA_F

ClientSampleId :

MW-101RDL



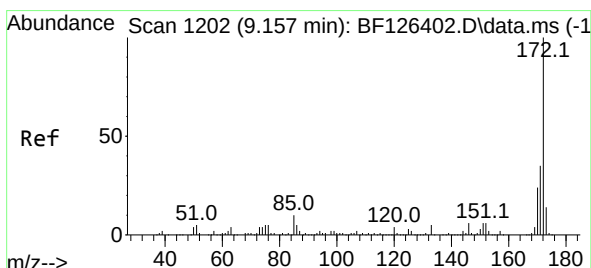
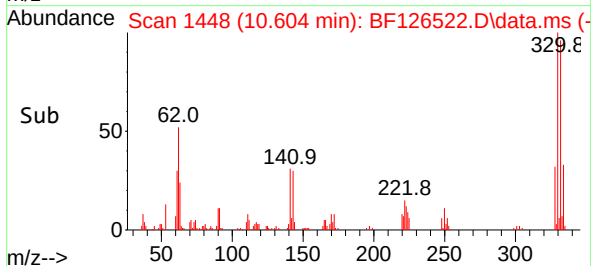
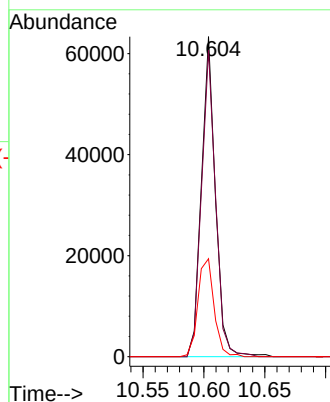
Tgt Ion:330 Resp: 50531

Ion Ratio Lower Upper

330 100

332 96.6 76.0 114.0

141 35.5 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 20.979 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF126522.D

Acq: 6 Jan 2022 17:10

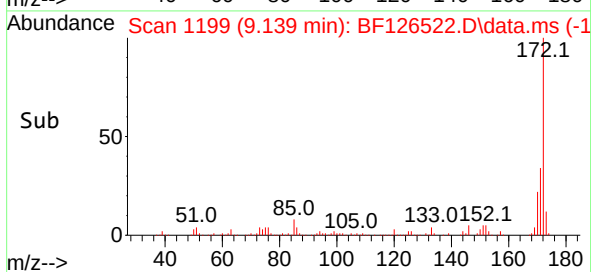
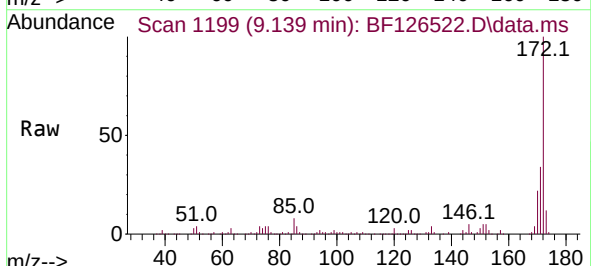
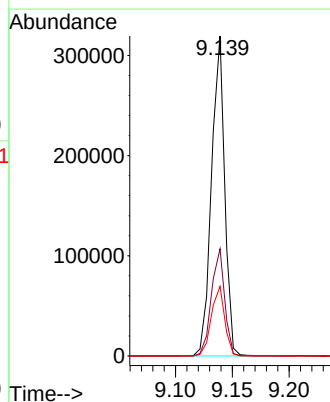
Tgt Ion:172 Resp: 257285

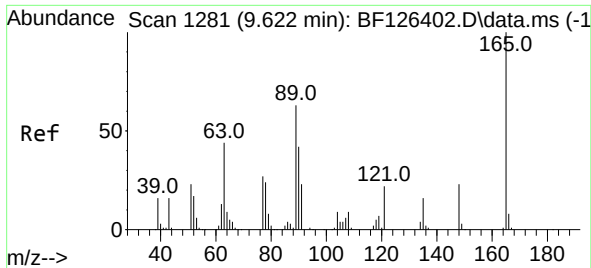
Ion Ratio Lower Upper

172 100

171 33.5 28.3 42.5

170 21.7 19.0 28.6

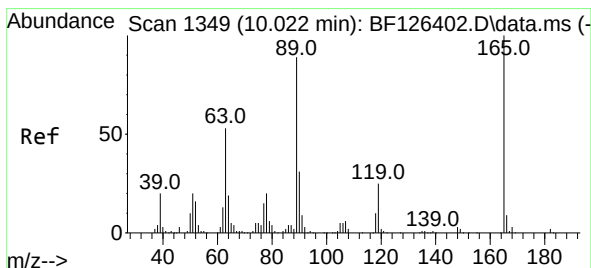
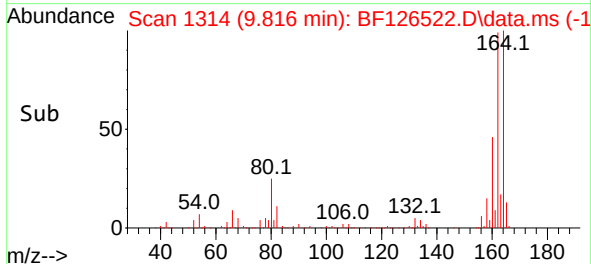
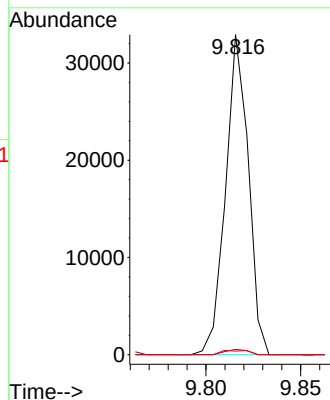
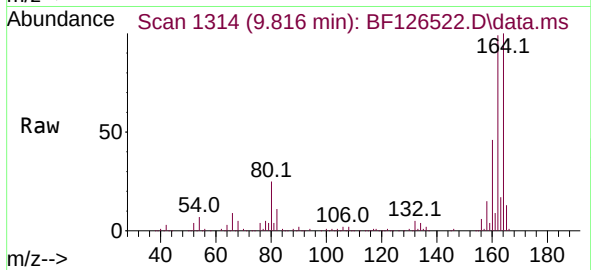




#51
2,6-Dinitrotoluene
Concen: 9.427 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF126522.D
Acq: 6 Jan 2022 17:10

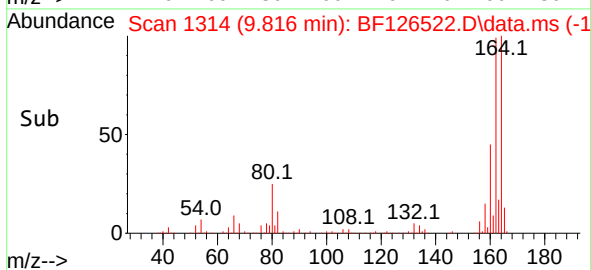
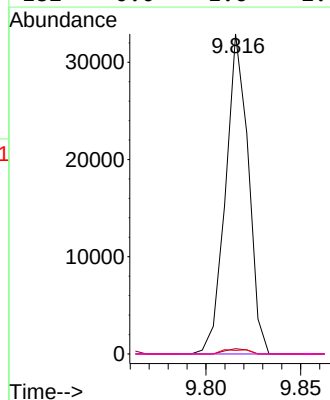
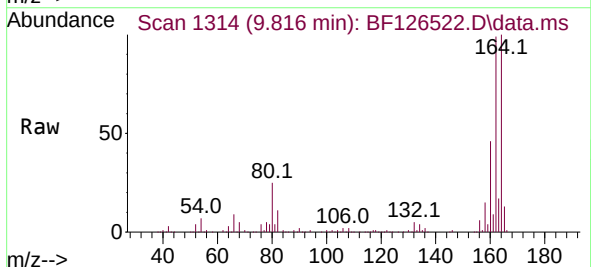
Instrument :
BNA_F
ClientSampleId :
MW-101RDL

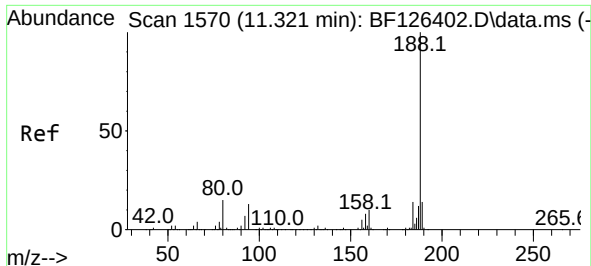
Tgt Ion:165 Resp: 27430
Ion Ratio Lower Upper
165 100
63 1.6 48.4 72.6#
89 1.1 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.307 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.200 min
Lab File: BF126522.D
Acq: 6 Jan 2022 17:10

Tgt Ion:165 Resp: 27430
Ion Ratio Lower Upper
165 100
63 1.6 43.0 64.6#
89 1.1 71.0 106.4#
182 0.0 1.6 2.4#

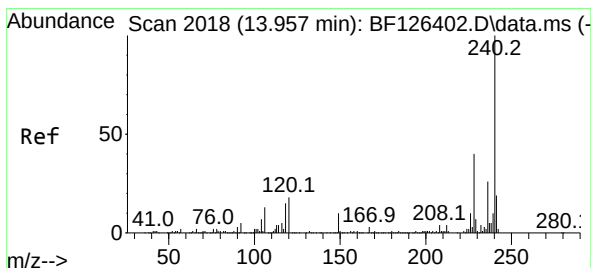
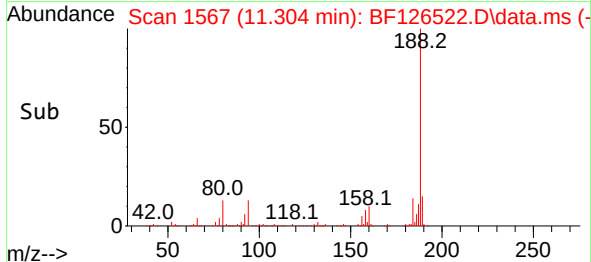
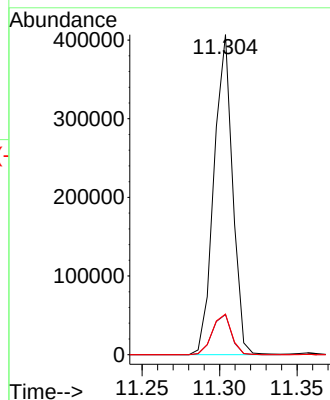
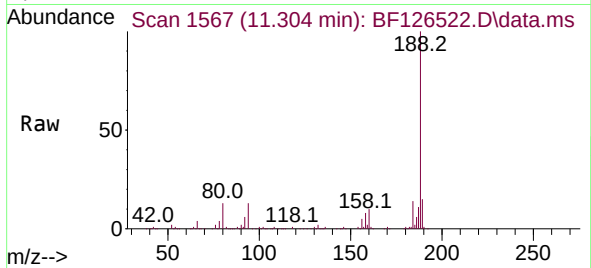




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126522.D
Acq: 6 Jan 2022 17:10

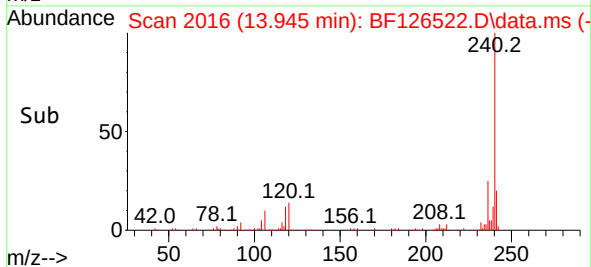
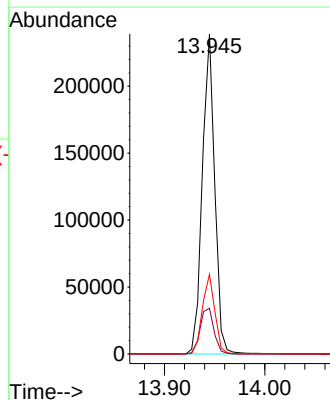
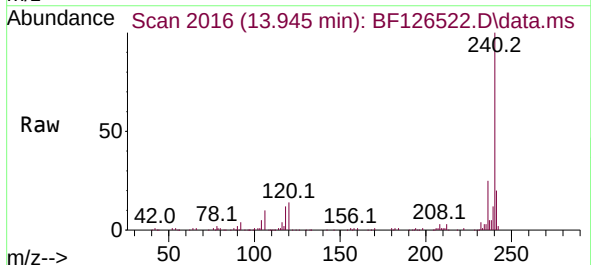
Instrument :
BNA_F
ClientSampleId :
MW-101RDL

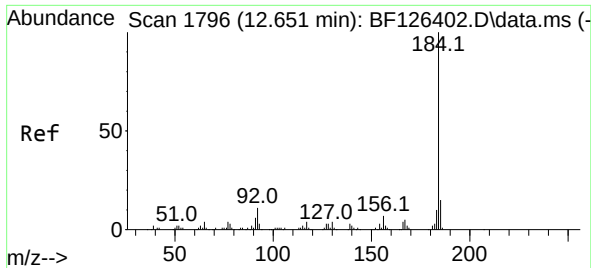
Tgt Ion:188 Resp: 339409
Ion Ratio Lower Upper
188 100
94 12.6 10.1 15.1
80 12.7 11.8 17.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF126522.D
Acq: 6 Jan 2022 17:10

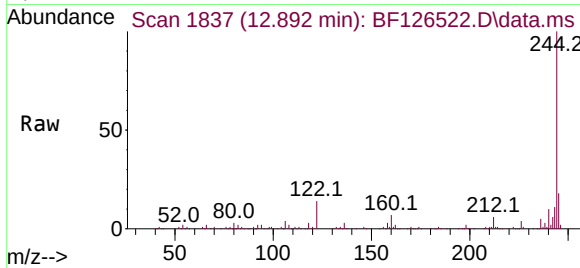
Tgt Ion:240 Resp: 206110
Ion Ratio Lower Upper
240 100
120 14.3 14.4 21.6#
236 24.9 20.5 30.7



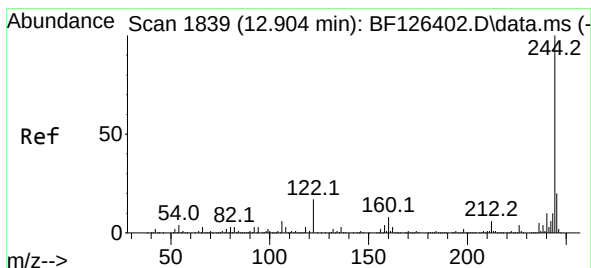
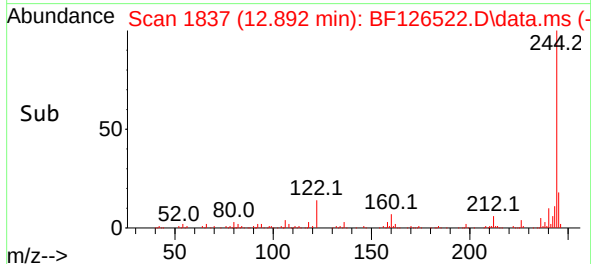
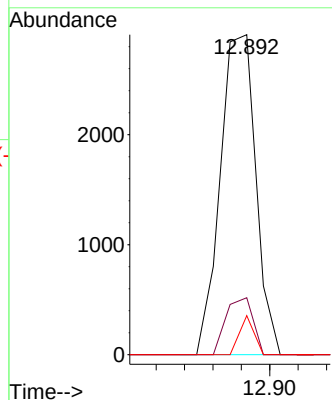


#77
Benzidine
Concen: Below Cal
RT: 12.892 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF126522.D
Acq: 6 Jan 2022 17:10

Instrument :
BNA_F
ClientSampleId :
MW-101RDL

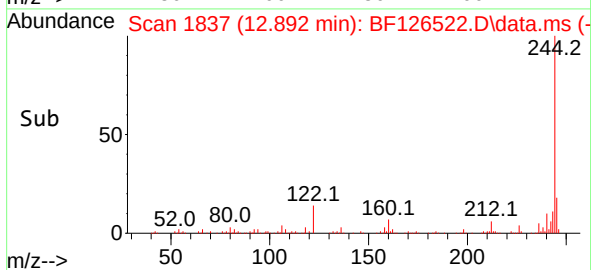
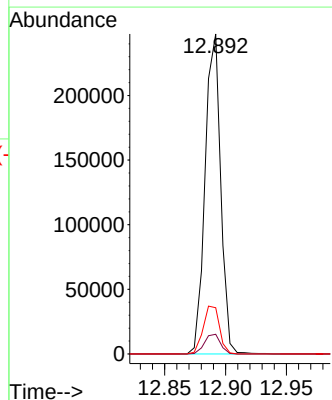
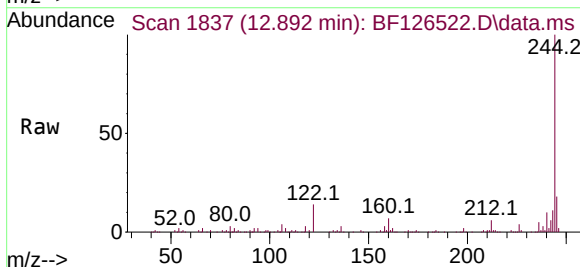


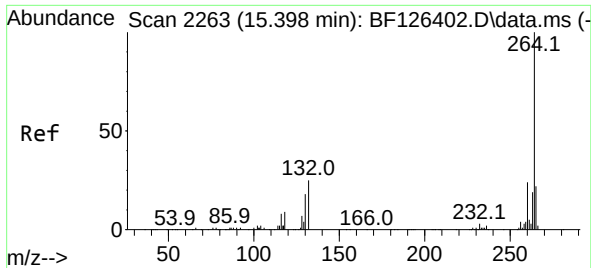
Tgt Ion:184 Resp: 2534
Ion Ratio Lower Upper
184 100
185 17.8 11.8 17.8#
183 12.2 8.2 12.2



#79
Terphenyl-d14
Concen: 20.812 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF126522.D
Acq: 6 Jan 2022 17:10

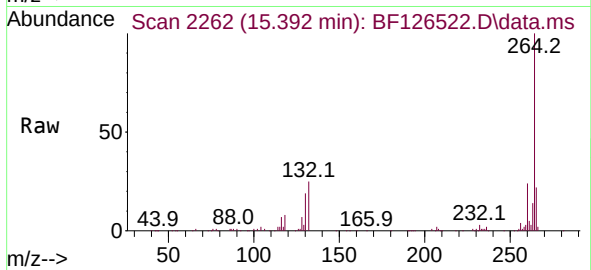
Tgt Ion:244 Resp: 220778
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.4
122 14.4 13.3 19.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.392 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF126522.D
 Acq: 6 Jan 2022 17:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-101RDL



Tgt Ion:264 Resp: 186793
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 22.2 17.4 26.2

